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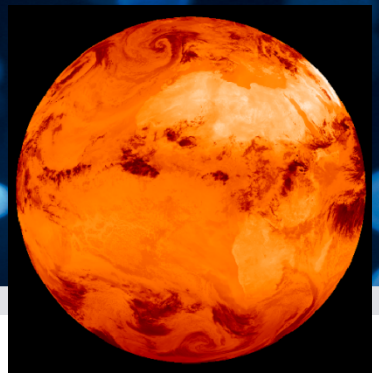
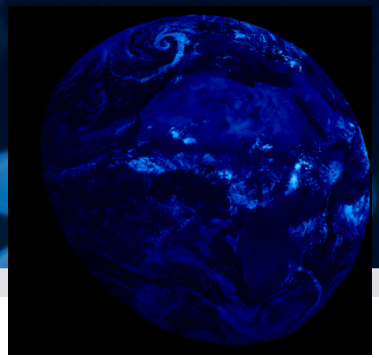
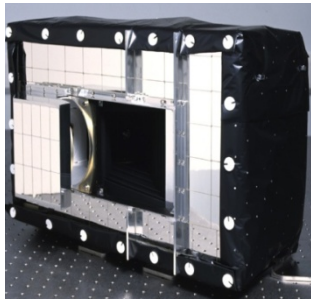
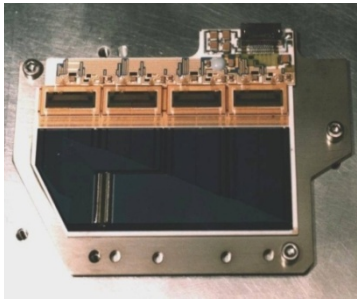
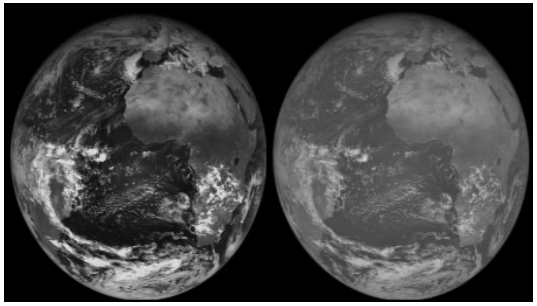




GERB Project Overview



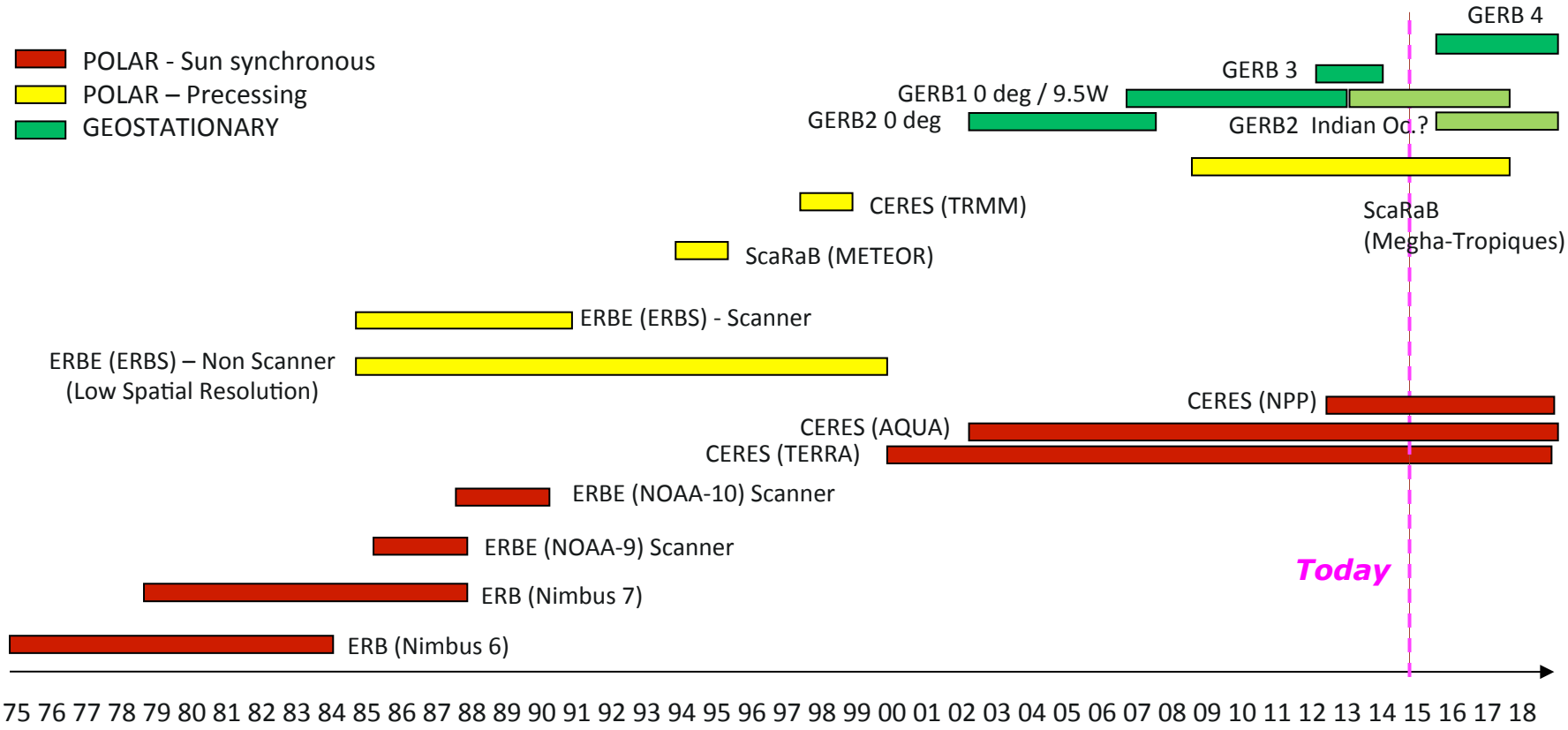




Helen Brindley, (GERB PI) Imperial College

Imperial College London

TOA Radiation Budget: timeline



Geostationary Earth Radiation Budget (GERB) Experiment

Proposed to ESA in the early 1990s as an instrument of opportunity

First instrument build and operation funded by an international consortium

Follow on instruments 2,3 & 4 Funded by EUMETSAT

G1 built and first calibrated in '96

But G2 launched first on METEOSAT-8

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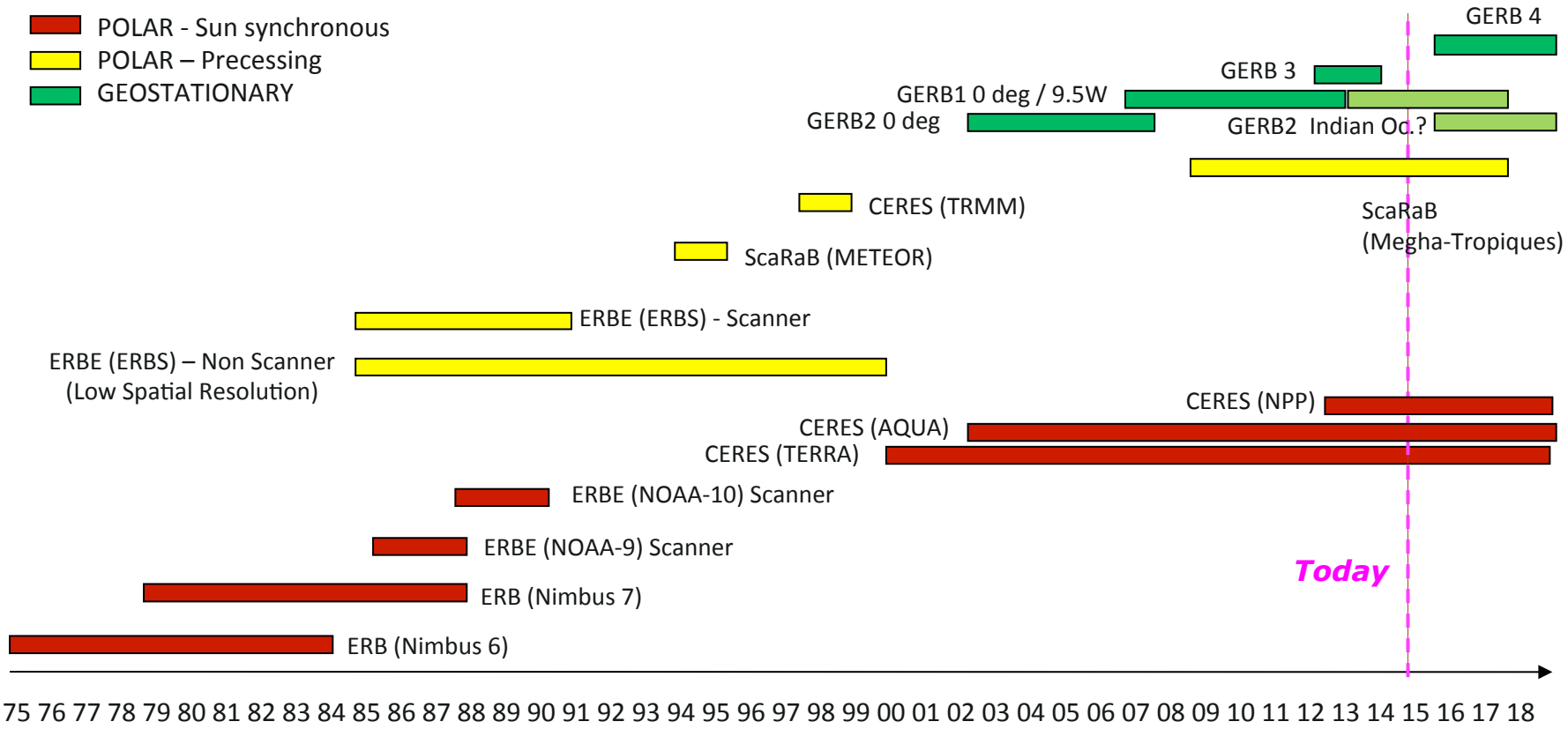
TOA Radiation Budget: timeline



GERB 2 on Meteosat-8 operational Feb 2004 – May 2007
GERB 1 on Meteosat-9 operational May 2007 – Jan 2013
GERB 1 + SEVIRI MET-10 Jan 2013 – present
GERB 4 on Meteosat-11 launch date July 2015

Imperial College London

Project Team

John Harries is now officially retired (Emeritus Professor at Imperial): hand-over of GERB PI status in October 2013.

Imperial College, London (2.5 FTE)

Helen Brindley (PI)
Jacqueline Russell (Project Scientist)
James Rufus (Operations)
Rhys Parfitt (Cross-calibration analysis)

Royal Meteorological Institute Belgium (RMIB, 3FTE)

Nicolas Clerbaux (Manager)
Patrick Vanderhar (Operator/Data checker)
Edward Baudrez (Code Implementation/L2 data production)
Alessandro Ipe/Almudena Valezquez (Ed 2 development)

Rutherford Appleton Laboratory (RAL, 2FTE)

Andy Smith (Manager)
Martin Bates (Software development)
Monica Kendal (Data checker)

Imperial College London

Project Direction

Establishment of GERB Science Advisory Group (GSAG). Aim to provide a forum for Data Providers, Data Users and Project Funders to meet to discuss status and plot the best way forward for the project. First meeting spring 2014.

Topics discussed:

- Operational status, anticipating current and future needs and including any obligations to funders
- Long-term data stewardship, including responsibility for, or distinction from, products derived external to the GERB project using GERB products
- Data user requirements: how do we maximise product uptake, science exploitation and overall project visibility?
- Positioning with regard to other related current (e.g. CERES, ScaRaB,…) and planned missions with ERB component (e.g. EarthCare, MTG,…)